

## ABSTRACT OF THE DISCLOSURE

1           A method of forming prosthetic sockets is provided that first creates a negative  
mold of the patient's residual limb while it is disposed in a positive flexion position. The  
mold is then removed and shaped to permit the desired range of flexion when the mold  
5 is repositioned on the residual limb. A second cast is made of the residual limb that  
incorporates the mold. A positive model of the residual limb is then formed, from which  
test or definitive sockets may be formed. The present method further lends itself to the  
formation of sockets using a cast-in-place methodology while the limb is disposed in a  
10 positive flexion position.